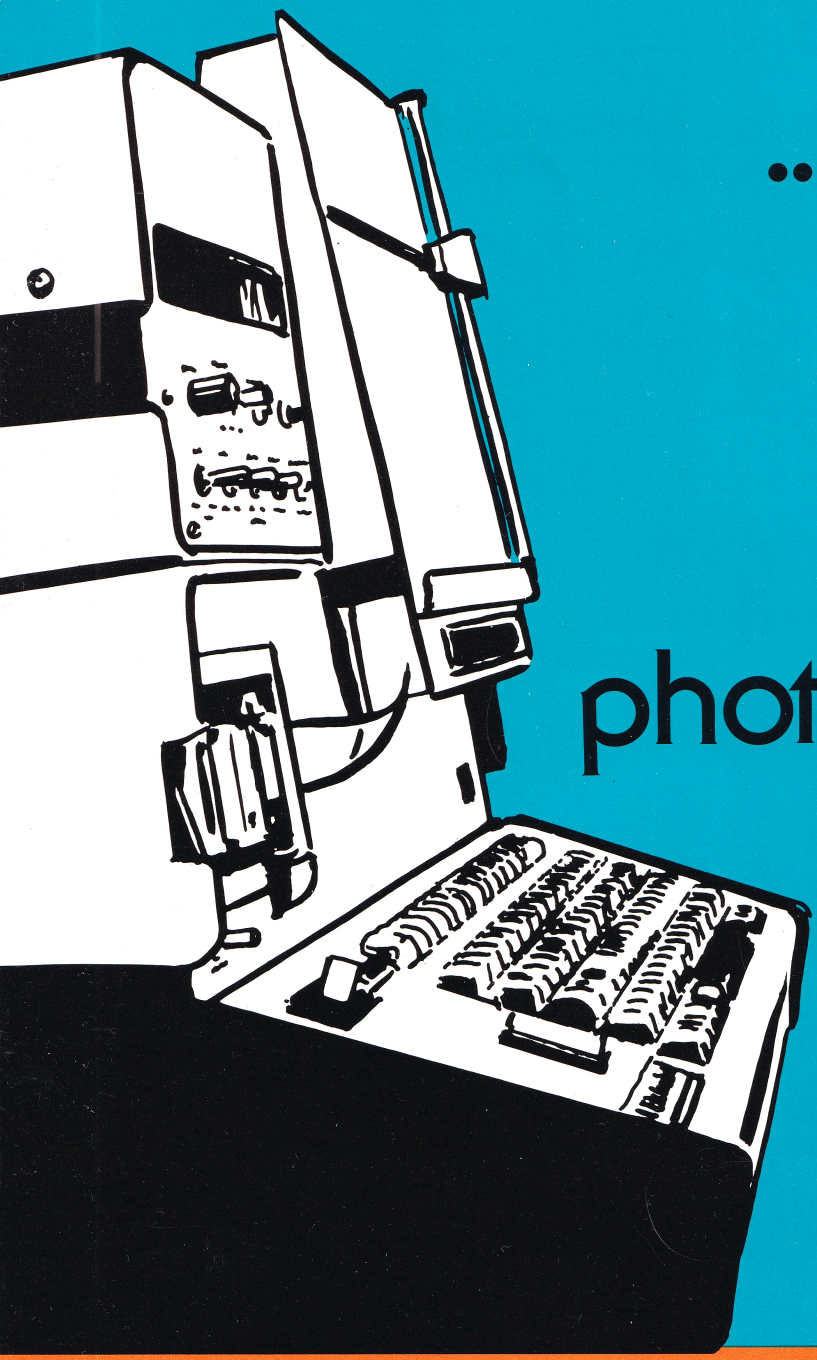
Electro/Set™



...perforating keyboards to match your phototypesetter

ADDRESSOGRAPH MULTIGRAPH
VARITYPER DIVISION
11 MT. PLEASANT AVENUE • EAST HANOVER, NEW JERSEY 07936

Electro/Set™

perforating keyboards

for productivity

Electro/Set keyboards help you get peak productivity from your phototypesetting system—and from the people who run it. Because the key to productivity in phototypesetting lies in the efficiency of inputting—in the elimination of unnecessary keystrokes. And while almost any perforator can drive almost any phototypesetter, it takes a well matched unit to do it efficiently.

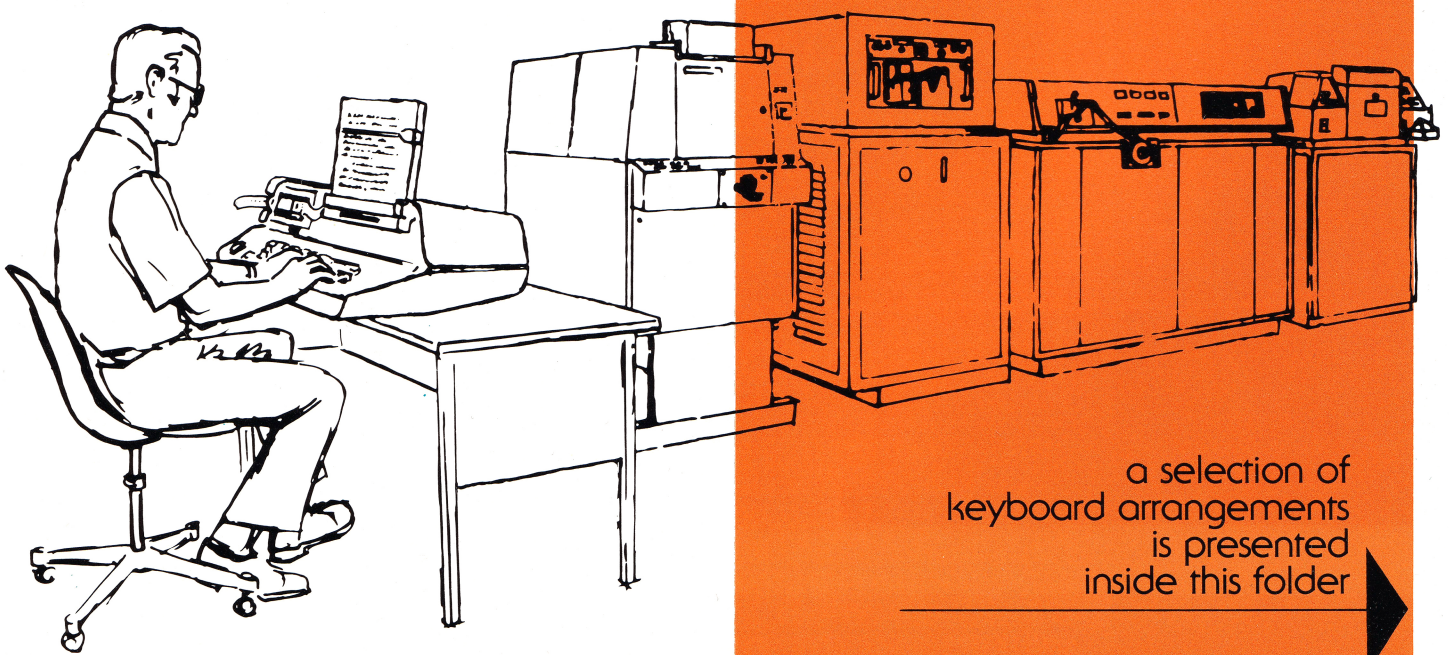
Electro/Set perforating keyboards are not "jack of all trades" machines—they are built to do a single job well—to drive *your* phototypesetter.

There are dozens of different standard keyboard arrangements and code structures, each specifically designed to match a particular phototypesetter make and model. And each of these can be applied to the kind of perforator that will fit best into your production situation—from the basic Electro/Set 430, to the Electro/Set 440 which includes a visual display unit, to the Electro/Set 450 which is a combined input and correcting terminal. And they're all available with production-boosting programmable multiple code keys.

Electro/Set 430

The Electro/Set 430 is the basic unit in the Electro/Set line, geared to dependable, high volume production. The keyboard is designed to maximize production by keeping all controls within convenient touch-typing reach. Dependable solid state key switches and electronic interlock memory circuits accommodate the burst speeds of the fastest operators with never a lost code, and the smooth, light touch helps maintain peak production by minimizing fatigue. The quiet, reliable punch is conveniently located to give the operator a clear view of the last codes punched.

All Electro/Set models are available with the keyboard arrangement and code structure to match your phototypesetter



a selection of keyboard arrangements is presented inside this folder

Electro/Set 440

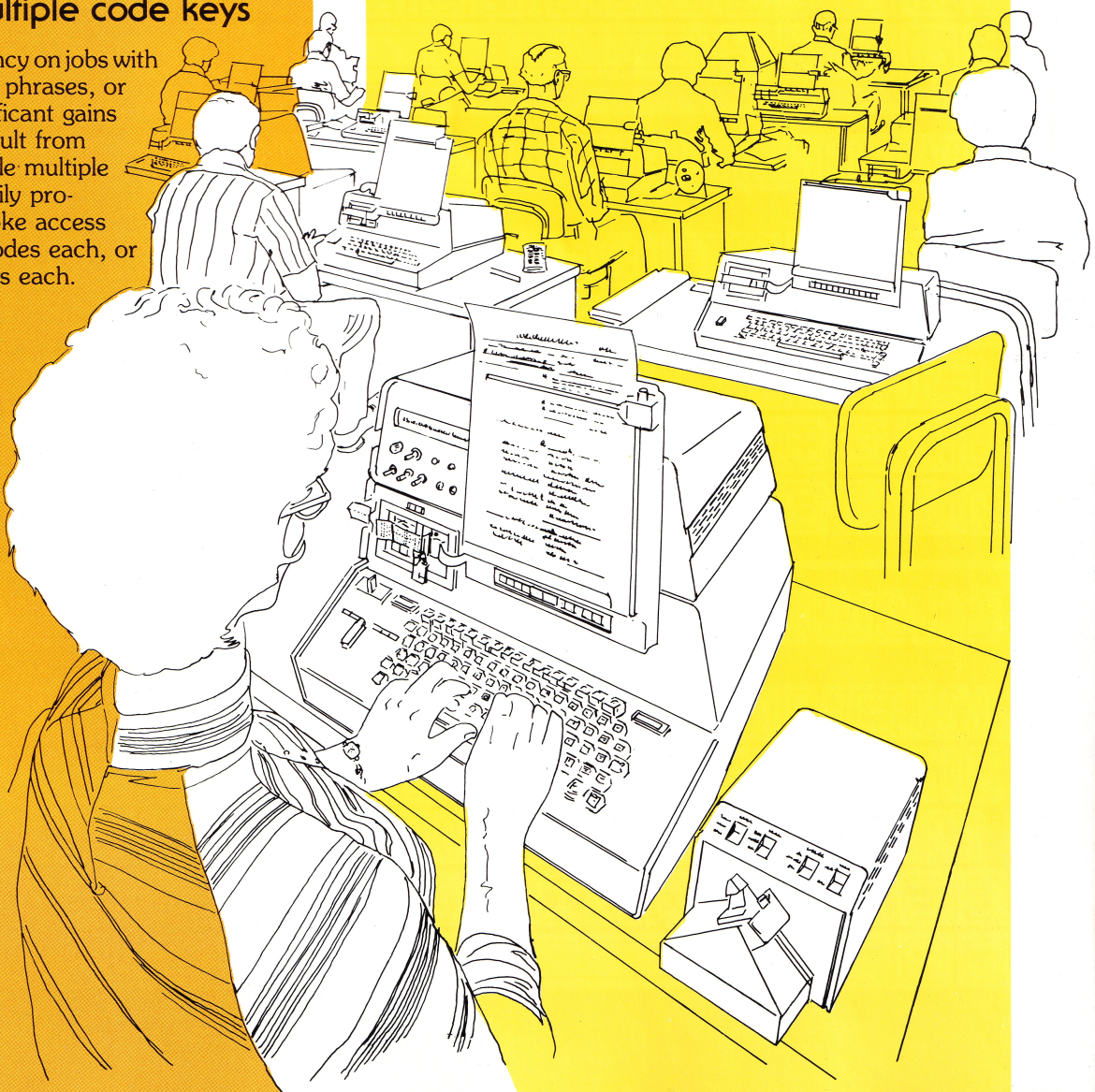
Many users find that operators are aided by a visual representation of the copy that is being perforated; it speeds and simplifies operator training, and takes the guesswork out of corrections. The Electro/Set visual display module provides a continuous, easy-to-read display of the last 32 characters and commands from a full 128-character repertoire that provides an easily read representation of every Electro/Set character and function. The visual display module is available on new Electro/Set 440 keyboards, and can be easily field installed on most existing Electro/Set keyboards.

Electro/Set 450

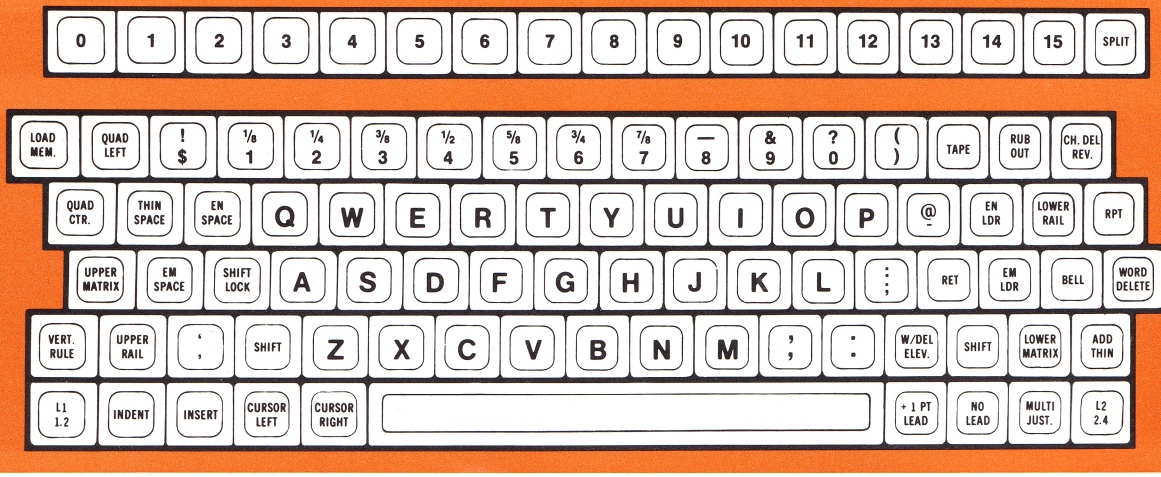
The Electro/Set 450 is the unique, dual-purpose correcting terminal and input keyboard that brings a new concept to production of error-free phototypesetting input. Easy-to-read 64-character display and high-speed automatic search make it easy to find locations for corrections, deletions and insertions. Simple controls and operating procedures mean that most operators will adapt to it with little or no additional training. The Electro/Set correction module is available on new machines and can be easily field installed on most existing Electro/Set keyboards. Alternate input from word processing magnetic tape cassettes is available.

programmable multiple code keys

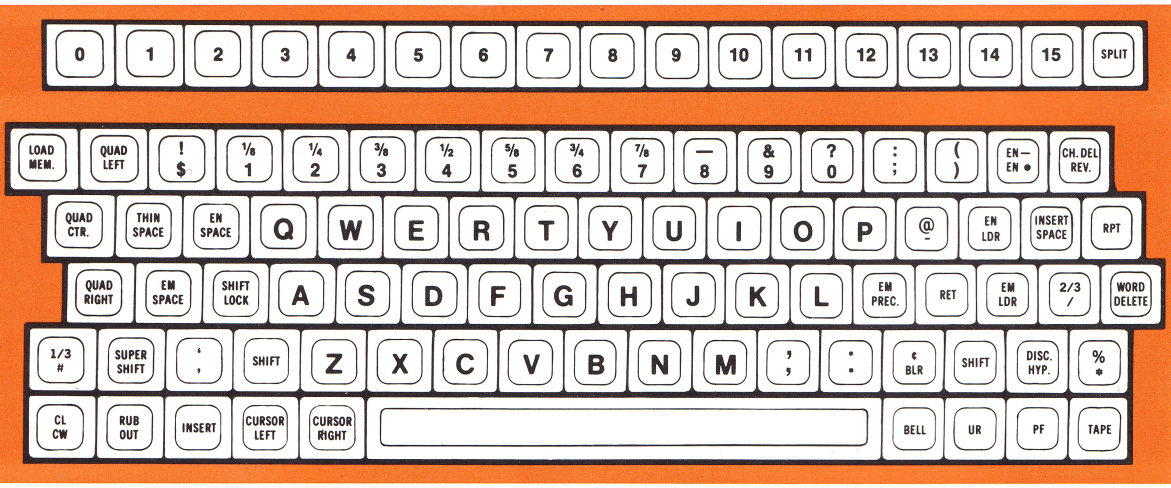
For extra production efficiency on jobs with frequently repeated words, phrases, or command sequences, significant gains in production efficiency result from use of unique programmable multiple code keys. 16 keys are easily programmed for single-keystroke access to 16 groups of up to 64 codes each, or 32 groups of up to 32 codes each.



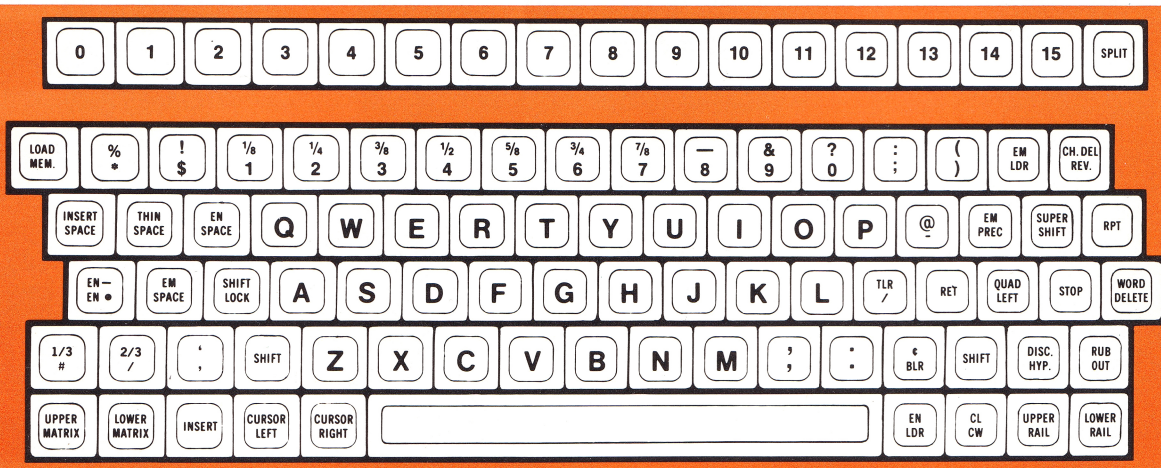
for Compugraphic 2961/4961 Electro/Set 130 SS



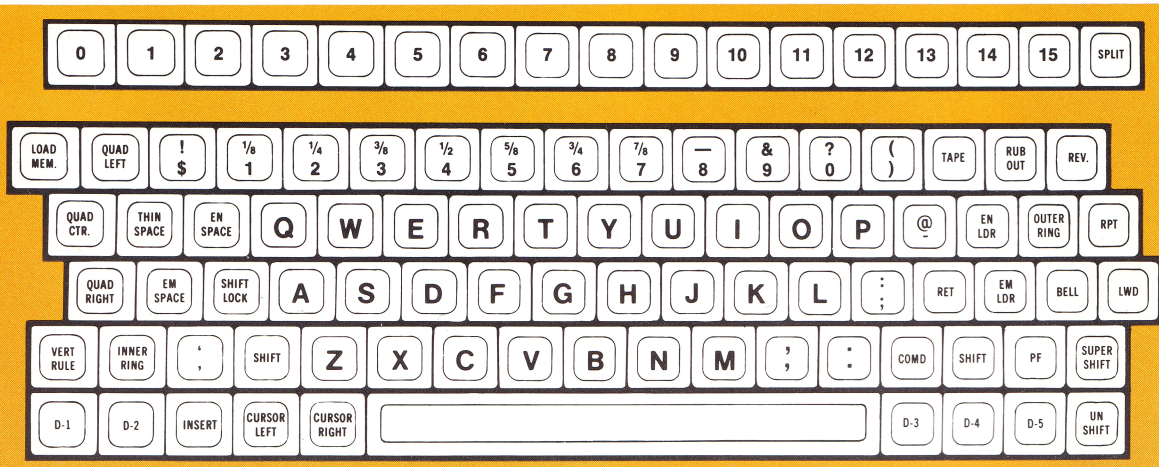
for Compugraphic 9000 Electro/Set 132 SS

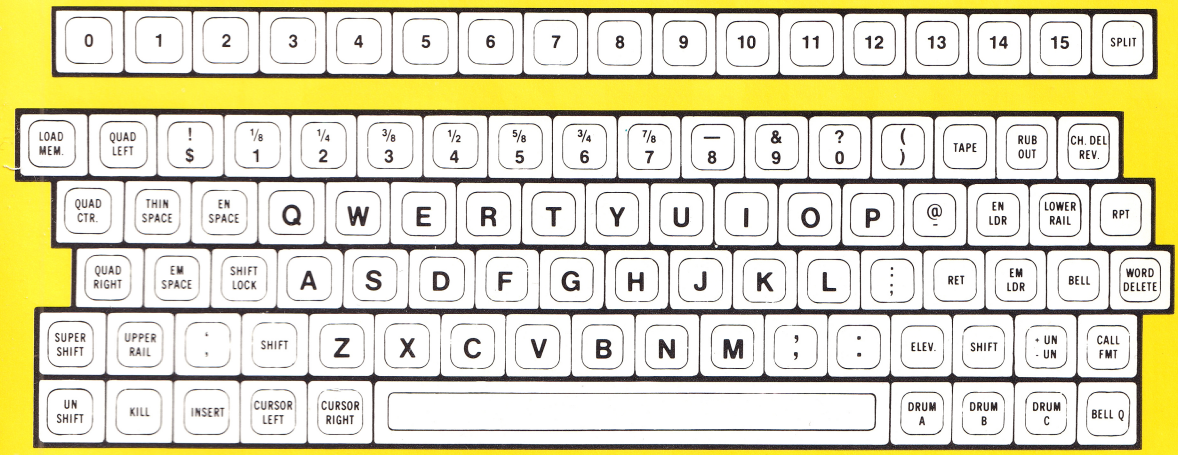


for Compugraphic Video Setter Electro/Set 133 SS

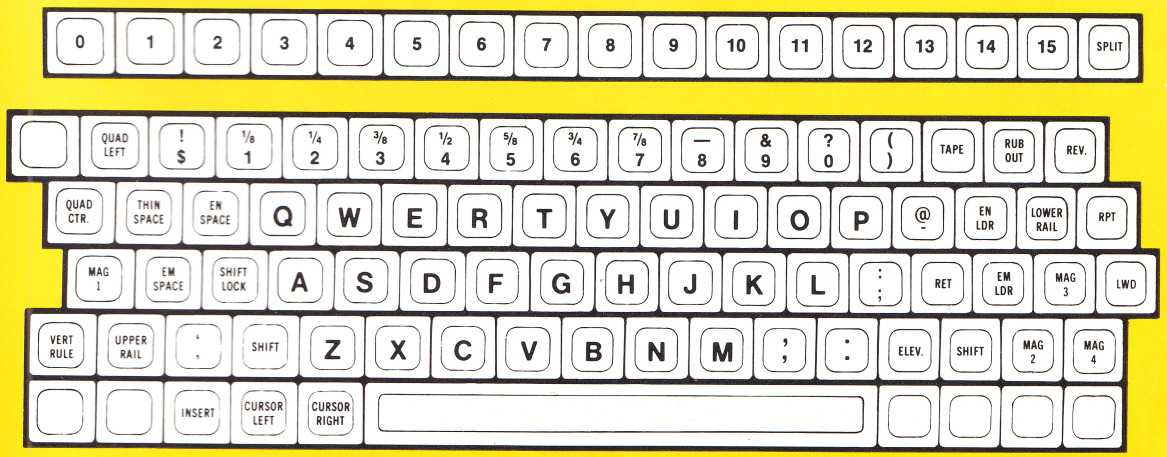


for Harris Fototronic TXT Electro/Set 121 SS

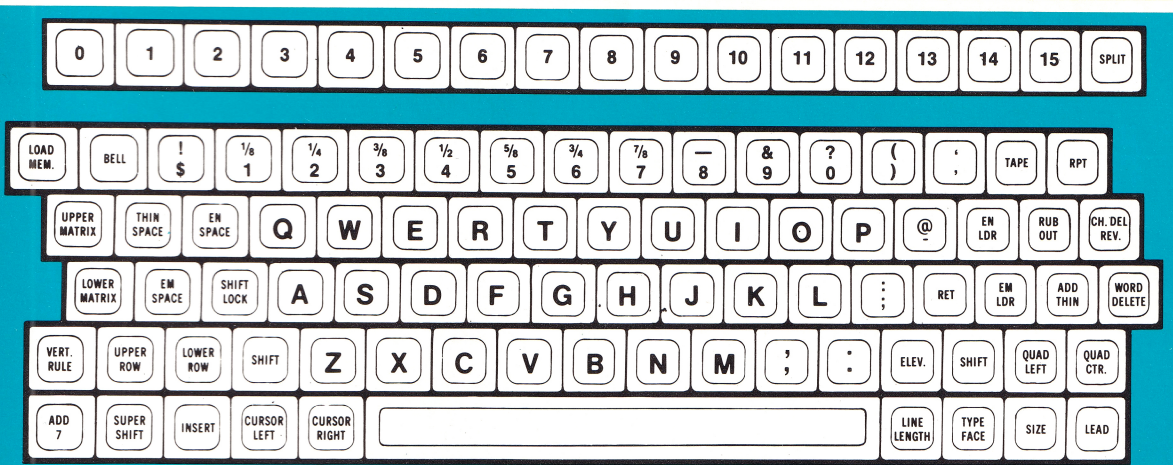




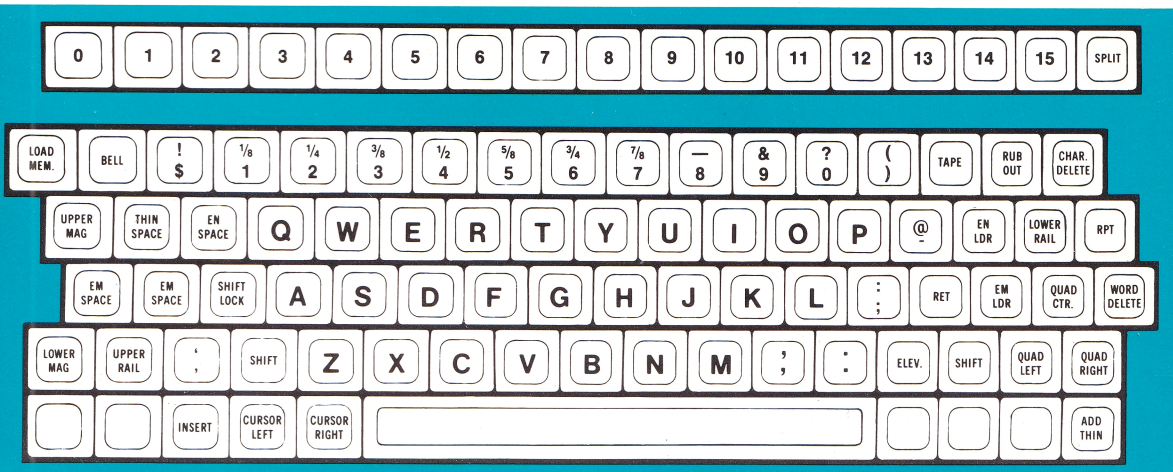
for Mergenthaler VIP
Electro/Set 110 SS



for Mergenthaler Super Quick
Electro/Set 111 SS



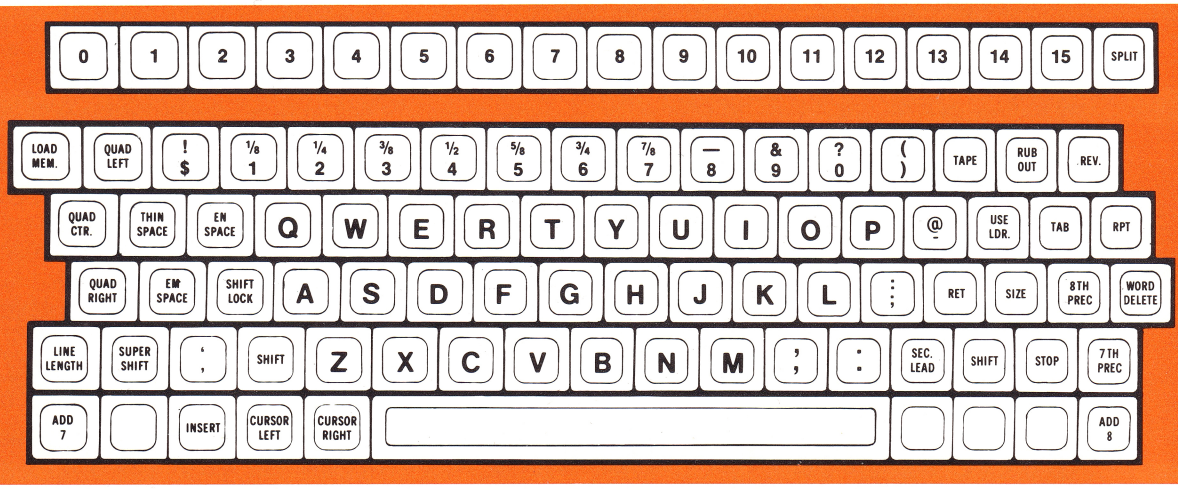
for Photon Pacesetter
Electro/Set 105 SS



for Photon 713
Electro/Set 107 SS

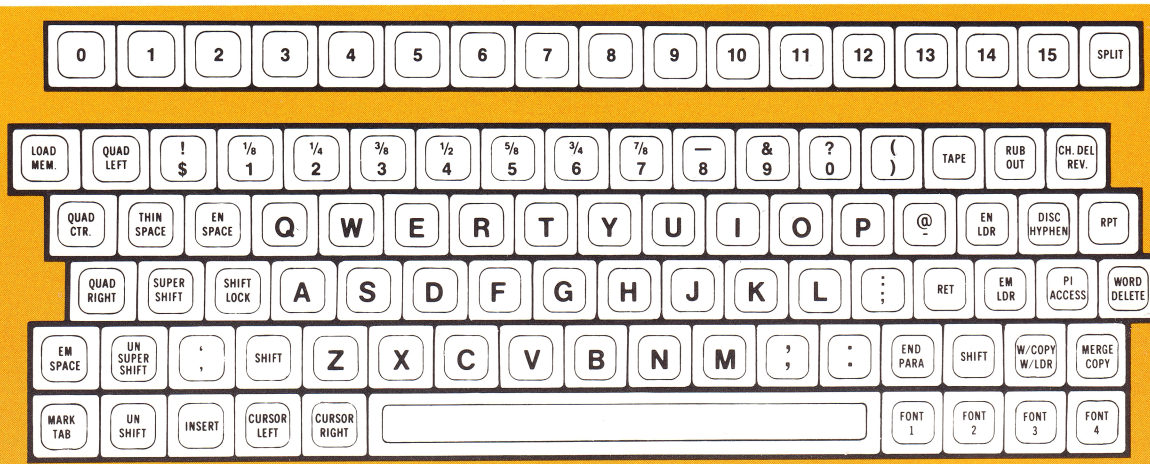
for VariTyper AM Phototypesetters Electro/Set 154 SS

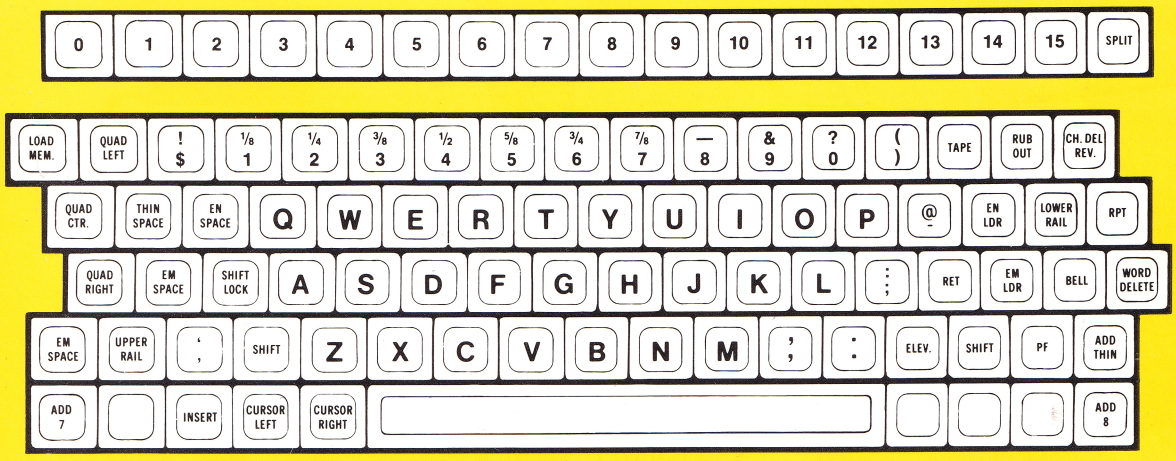
for VariTyper AM Phototypesetters Electro/Set 156 SS



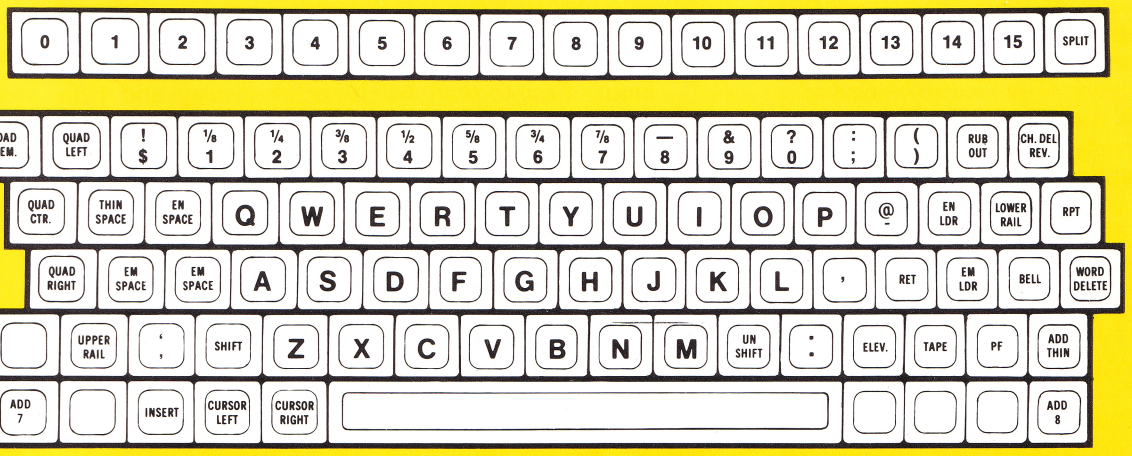
for VariTyper Comp/Set Electro/Set 164 SS

for Singer Electro/Set 170 SS

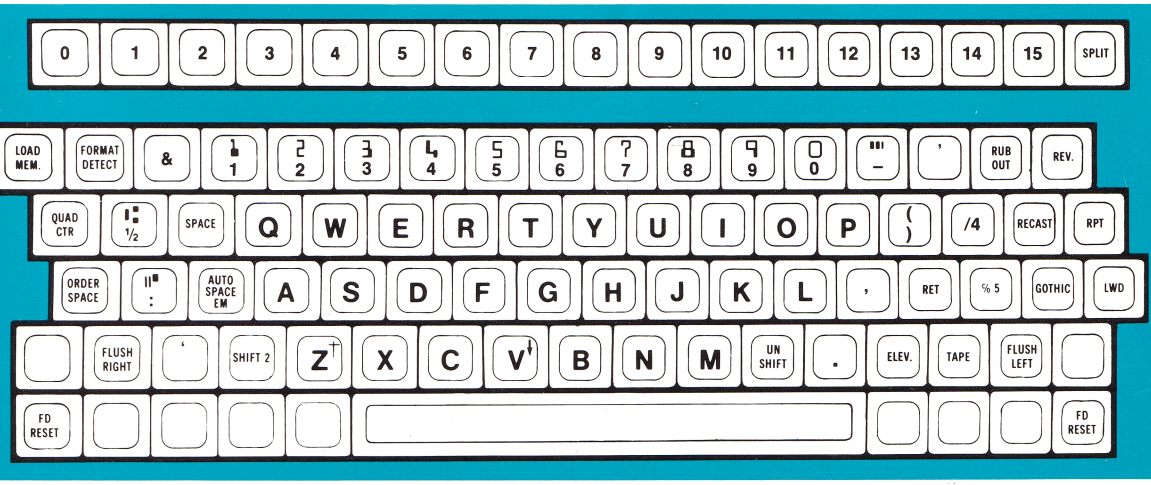




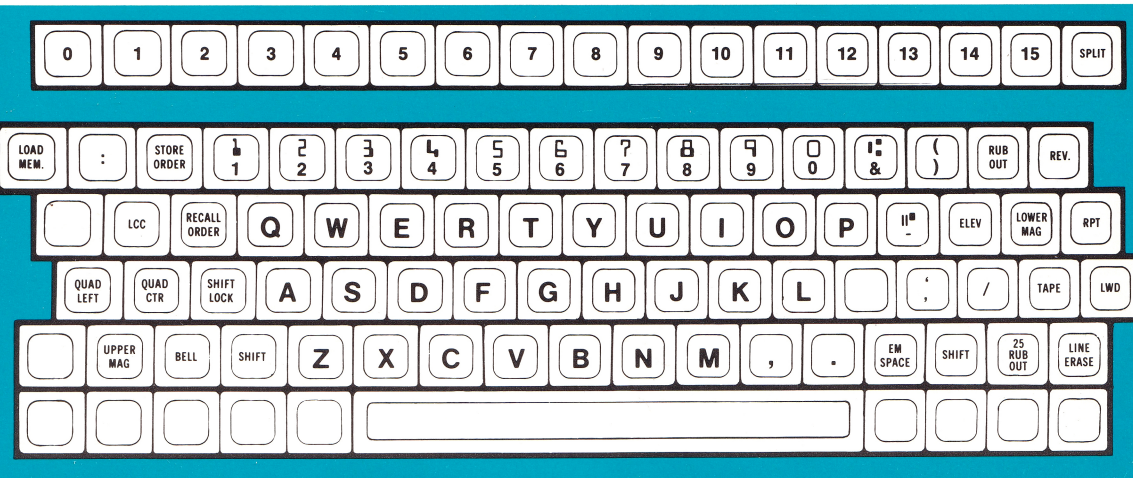
for Newspaper and Wire Service Electro/Set 180 SS



for Newspaper and Wire Service Electro/Set 180 TTS



for Check Printers Electro/Set 140 TTS



for Check Printers Electro/Set 141 SS

Specifications

Electro/Set 430

Type—Electronic with MOS and other solid state circuitry.

Output—Non justified perforated paper tape, 6 level advanced feed on ⅞" tape or 6, 7, 8, level in-line feed on 1" tape.

Keyboard—78 key keyboard. Solid state key modules. Function keys, alphanumeric keys, TTS® or secretary shift, and key designations are as required for the typesetter involved.

Indicators—Indications as required for typesetter involved. For example: shift, supershift, fonts, upper/lower rail, drum, inner/outer ring, tab, etc.

Punch—40 characters per second with independent on/off switch.

Operating Functions—Tape feed, reverse, automatic repeat, last word delete (single keystroke).
Add 7 and 8 (7 & 8 level configurations).

Multiple Code Keys—Furnished on arrangements requiring this capability.

Translation—Option provides capability to produce one code set in addition to TTS®, switch selectable.

Controls—Power on/off, punch on/off, normal/translate.

Code Set —Standard TTS® or other as specified.

Electrical Requirements— 115 Volt AC, 50 or 60 hz.
230 Volt AC, 50 hz. optional
UL approved, CSA Certified

B.T.U. Rating—1,785

Dimensions— Width: 21" (53 cm)
Height: 18½" (47 cm)
Depth: 21" (53 cm)

Weight — 58 lbs. (26.1 kilos)

Electro/Set 440

Same as Electro/Set 430 except as noted below.

Display—1 line of 32 characters, with 128 character repertoire in caps, smaller caps, numerals, punctuation, and functions. Non flicker 18 point orange-red characters constructed on a 5 x 7 dot matrix.

Controls—Clear (erases display)
Blanking (inhibits display)

BTU Rating—395 (Visual display only)

Dimensions— Width: 9" (23 cm)
Height: 5" (13 cm)
Depth: 14" (36 cm)

Weight—15 lbs. (7 kilos)

Electro/Set 450

Same as Electro/Set 430 except as noted below.

Punch—40, 20, or 6.7 characters per second.

Reader—Photoelectric, reads at 40, 20 and 6.7 characters per second.

Operating Functions—Character, word, sentence, and paragraph delete from single keystroke. Auto Search, insert, cursor left/right, clear display, character, 32/64 character display. Read, edit, keyboard modes.

Display—64 14-point or 32 28-point characters and symbols from 128 character repertoire on a 7 x 9 dot matrix.

Translation—Option — Translates 1 for 1 from a different code set into the resident code set.

Controls—Reader: rate, on/off, mode, level. Punch on/off, brightness, 32/64 characters, clear (display), home, mode, function suppress, memory, tag/search, paragraph, sentence, word, and character delete, insert, cursor right, cursor left.

BTU Rating—2,740

Dimensions—

	Keyboard	Reader
Width:	21½" (55 cm)	7" (18 cm)
Height:	18½" (47 cm)	8" (20 cm)
Depth:	23" (58 cm)	11½" (29 cm)

Weight—82 lbs. (28 kilos) 11 lbs. (5 kilos)

Programmable Multiple Code Keys

Electro/Set 430, 440 and 450 available with this feature are designated Electro/Set 435, 445, and 455.

16 programmable multiple code keys "split" to provide 32 storage locations of up to 32 codes per keystroke.

Option—provides 16 locations with up to 64 codes per key.

Lights indicate load/end and "split" function.

Option—Electric plug-in reader to load programmable keys from paper tape. Switch provides ability to load and check load.

Electro/Set and TTS are trademarks of Addressograph Multigraph Corporation.

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